

IFR Training Scenario #5

Mission: Transport a T55-GA-714A engine and maintenance crew from Muir AAF (KMUI) to Hagerstown Regional (KHGR), drop off equipment and crew, return to Muir AAF.

WX: See attached DD Form 175-1

NOTAMS: Check Defense Internet NOTAM System
<https://www.notams.jcs.mil> or see Notice to Airmen Publication.
Applicable NOTAM (D), NOTAM (L), and FDC NOTAM information is included in the Remarks Block of DD Form 175-1.

Aircraft: CH-47F w/T55-L-714A Engines
C-6533/ARC – ICS
AN/ARC-186 – VHF Communication
AN/ARN-123 – VHF Navigation
AN/ARN-89 – Direction Finder Set
AN/APX-100 – Transponder
AN/ASN-128B – Doppler GPS Navigation Set
AN/ARC-220 – HF Radio Set
AN/ARC-201 – VHF FM Radio SINCGARS
TSEC/KY-100 – Secure Voice and Data

DD 365-4: On File at KMUI

Performance Planning:

Departure: Temp +10° C
PA +476
36,400 lbs. GWT at Departure

Enroute: See DD Form 175-1

Arrival: Temp +6°C
PA +486

Note to I/O: All NAVAID's are operational on all approaches until disabled by the I/O. NOTAMed outages on DD FORM 175-1 are for this training scenario only.

KMUI Departure Information

Runway 25
Wind 250/08
Altimeter 29.92
Ceiling 004 OVC
½ mile rain

Clearance

Guard Copter 23385 is cleared to KHGR Hagerstown Regional.
direct Harrisburg V377 Hagerstown
Climb to 3000 expect 6000 10 minutes after departure.
Harrisburg Departure frequency will be 118.25 / 269.45
Squawk 4242

En route

Frequency change contact Washington Center 134.15 385.4
Change ceiling to 915' for 005 BKN at KHGR

KHGR Airport Information

Expect Hagerstown ILS RWY 27
RWY 27 in use
Wind 270/12
Altimeter 29.91
Ceiling 005 BKN 009 OVC
1 1/4 mile mist

KHGR ASOS

Hagerstown regional automated weather report
Time: _____Z
Ceiling 005 BKN, 009 OVC
1 ¼ mile Mist
Altimeter 29.91
Temperature 6 Dew Point 5
Wind 270/10

FLIGHT WEATHER BRIEFING											
PART I - TAKEOFF DATA											
1. DATE	2. ACFT TYPE/NO. CH-47/011	3. DEP PT/ETD KMUI/ Z	4. RWY TEMP +10 °F/C	5. DEWPOINT °F/C	6. TEMP DEV +476 FT	7. PRES ALT +476 FT	8. DENSITY ALT FT				
9. SFC WIND 2508 M T	10. CLIMB WINDS 25010		11. LOCAL WEATHER WATCH/WARNING/ADVISORY None				12. RSC/RCR				
13. REMARKS/TAKEOFF ALTN FCST OVC 004 1/2 RA											
PART II - ENROUTE & MISSION DATA											
14. FLT LEVEL/WINDS/TEMP 020/25010/+10 020/26015/+08 060/26018/+06			15. SPACE WEATHER			16. SOLAR/LUNAR		LOCATION			
			NO IMPACT MARGINAL SEVERE			SMNT Z					
			FREQ			QR Z		MR Z			
			GPS			SS Z		MS Z			
			RAD			EENT Z		ILLUM %			
17. CLOUDS AT FLT LEVEL <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> IN AND OUT			18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO TYPE Precipitation								
19. MINIMUM CEILING - LOCATION PA Mts. FT AGL			20. MAXIMUM CLOUD TOPS - LOCATION 080 Rte. FT MSL			21. MINIMUM FREEZING LVL - LOCATION 060 Rte. FT MSL					
22. THUNDERSTORMS			23. TURBULENCE			24. ICING			25. PRECIPITATION		
CHART			CHART Category 1			CHART			CHART		
<input checked="" type="checkbox"/> NONE <input type="checkbox"/> AREA <input type="checkbox"/> LINE			<input type="checkbox"/> NONE <input type="checkbox"/> IN CLEAR <input type="checkbox"/> IN CLOUD			<input type="checkbox"/> NONE <input type="checkbox"/> RIME <input type="checkbox"/> MIXED <input type="checkbox"/> CLEAR			<input type="checkbox"/> NONE <input type="checkbox"/> DRIZZLE <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> PELLET		
ISOLATED 1 - 2%			LIGHT <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			TRACE			LIGHT <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		
FEW 3 - 15%			MODERATE			LIGHT <input checked="" type="checkbox"/>			MODERATE		
SCATTERED 16 - 45%			SEVERE			MODERATE			HEAVY		
NUMEROUS - MORE THAN 45%			EXTREME			SEVERE			SHOWERS		
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.			LEVELS 020 - 120			LEVELS			FREEZING		
LOCATION			LOCATION Rte			LOCATION Rte			LOCATION Rte		
PART III - AERODROME FORECASTS											
26.	27. VALID TIME	28. SFC WIND	29. VSBY/WEA	30. CLOUD LAYERS	31. ALTIMETER	RWY TEMP	PRES ALT				
DEST/ALTN KHGR	Z TO Z	27012 M T	1 1/4 BR.	FEW004 BKN005 OVC009	INS 29.91	°F/C +6	FT +733				
DEST/ALTN N68	Z TO Z	28010 M T	4 BR.	BKN 012	INS 29.90	°F/C +6	FT +344				
DEST/ALTN KMUI	Z TO Z	29008 M T	2 BR.	OVC 012	INS 29.93	°F/C +6	FT +486				
DEST/ALTN	Z TO Z	M T			INS	°F/C	FT				
DEST/ALTN	Z TO Z	M T			INS	°F/C	FT				
DEST/ALTN	Z TO Z	M T			INS	°F/C	FT				
DEST/ALTN	Z TO Z	M T			INS	°F/C	FT				
DEST/ALTN	Z TO Z	M T			INS	°F/C	INS				
PART IV - COMMENTS/REMARKS											
32. BRIEFED RSC/RCR		YES <input checked="" type="checkbox"/>	NOT AVAILABLE		33. PMSV FM 49.95	34. ATTACHMENTS		YES <input checked="" type="checkbox"/>	NO		
35. REMARKS KHGR ASOS UNRELBL R-5801 Active during VALID time on DD Form 175-1 Block 27.											
PART V - BRIEFING RECORD											
36. WX BRIEFED TIME		37. FLIMS BY BRIEFING NO. IFR Scenario #5		38. FORECASTER'S INITIALS		39. NAME OF PERSON RECEIVING BRIEFING					
40. VOID TIME		41. EXTENDED TO/INITIALS		42. WX REBRIEF TIME/INITIALS		43. WX DEBRIEF TIME/INITIALS					
Z		Z		Z		Z					

DD FORM 175-1, OCT 2002

PREVIOUS EDITION MAY BE USED.

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